

ENF Environmental Notification Form

For Office Use Only
 Executive Office of Environmental Affairs

EOEA No.: **14034**
 MEPA Analyst: **Briony Angus**
 Phone: 617-626-**1029**

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Riverdale Water Supply		
Street: Riverdale/Quaker Street		
Municipality: Northbridge, MA	Watershed: Blackstone River	
Universal Tranverse Mercator Coordinates: 19N 281713E, 4667850N	Latitude: 42° 08' 3.61" Longitude: 71° 38' 27.96"	
Estimated commencement date: ASAP	Estimated completion date: 1/1/08	
Approximate cost: TBD	Status of project design: 10 %complete	
Proponent: Riverdale Water Company (RWC)		
Street: 456 Hill Street		
Municipality: Whitinsville	State: MA	Zip Code: 01588
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Jason K. Wilkinson, PG		
Firm/Agency: LFR Inc.	Street: 60 Island Street	
Municipality: Lawrence	State: MA	Zip Code: 01840
Phone: 978-659-0017	Fax: 978-659-0069	E-mail: jason.wilkinson@lfr.com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- | | | |
|--|------------------------------|--|
| a Single EIR? (see 301 CMR 11.06(8)) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Special Review Procedure? (see 301CMR 11.09) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Waiver of mandatory EIR? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Phase I Waiver? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres):

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify _____) No

List Local or Federal Permits and Approvals:

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|---|--|--|
| <input type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input checked="" type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input checked="" type="checkbox"/> Water Management Act Permit <input checked="" type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> Building Permit - Town of Northbridge, MA Trenching Permit - Town of Northbridge, MA
Total site acreage	47.94	N/A	47.94	
New acres of land altered	N/A	N/A	N/A	
Acres of impervious area	N/A	N/A	N/A	
Square feet of new bordering vegetated wetlands alteration	N/A	N/A	N/A	
Square feet of new other wetland alteration	N/A	N/A	N/A	
Acres of new non-water dependent use of tidelands or waterways	N/A	N/A	N/A	
STRUCTURES				
Gross square footage	N/A	400 ft ² (approx.)	400 ft ² (approx.)	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	10	10	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	432,000	432,000	
GPD wastewater generation/ treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	0.4 (approx.)	0.4 (approx.)	

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify: The project site was identified by the Natural Heritage and Endangered Species Program (NHESP) in a letter dated January 8, 2007 as being located within Priority Habitat 149 (PH 149) and Estimated Habitat 849 (EH 849) as indicated in the Massachusetts Natural Heritage Atlas (12th edition). These areas both exist in a buffer zone along the Blackstone River, extending approximately 330 feet from the river.) No

HISTORICAL / ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

- a) *The project site is currently an undeveloped property in Northbridge, Massachusetts with no existing structures or buildings, and was previously used as a gravel pit. The site is 47.94 acres in size and is relatively flat, varying in vegetation between open grassy areas, forested regions, and wetlands. RWC is proposing to utilize a 12-inch diameter water supply well at the site that will service Riverdale Mills Corporation (RMC) and 22 apartments located on Quaker Street owned by Riverdale Realty Trust and James M. Knott, Sr. The maximum pumping rate for the supply well, per Massachusetts Department of Environmental Protection (MassDEP) mandate, is 432,000 gallons per day (GPD).*
- b) *Three alternatives have been considered in this analysis. They are as follows:*
- | | |
|----------------------|--|
| <i>Alternative 1</i> | <i>No action alternative. No on-site or off-site impacts are associated with this alternative.</i> |
| <i>Alternative 2</i> | <i>RMC will purchase water for its industrial and sanitary water needs from the Town of Northbridge DPW Water Division. Riverdale Realty Trust and James M. Knott, Sr will also purchase water from the Town of Northbridge to service the water needs of 22 apartments located in the vicinity of RMC and the proposed public supply well. This alternative would have no impact on-site or off-site as RMC and the 22 apartments are currently receiving Town water.</i> |
| <i>Alternative 3</i> | <i>The 12-inch diameter water supply well is permitted for 432,000 GPD. This new source will be used to provide potable water to RMC for its industrial and sanitary needs. Water from this source will also be used to service the 22 apartments located in the vicinity of RMC and the proposed public supply well. Impacts on-site will be minimal during the installation of a pump station and piping. Off-site impacts will be negligible.</i> |
- c) *There are no on-site or off-site impacts associated with Alternatives 1 and 2. On-site impacts associated with Alternative 3, are proposed to be mitigated within the buffer zone area of the bordering vegetated wetlands by haybales and siltation fence. The haybales and siltation fence will be installed along the edge of the wetlands that fall within 100 feet of the pump station and the pipe installation work prior to construction activities. These mitigation measures will be maintained for the duration of the project. Off-site impacts associated with Alternative 3 will be negligible, therefore mitigation measures are not deemed to be necessary.*